

Remote door operators provide swine ventilation

AURORA, Ill. - One of the more sophisticated programs for the study of breeding, disease prevention and optimum weight gain to feed ratios is conducted at Washington State University, aided by the designs and

hardware of a door manufacturer. The Swine Center at WSU provides a controlled atmosphere for individual pigs and groups of swine under study at the agricultural college. The main containment

area is a combination of outdoor pens linked to an enclosed barn. Passage from the barn to the outdoors are operated manually from outside the barn. Because all of the space within the barn was needed for the animal enclosures, no access for ventilation was possible without entering the pens.

The doors chosen are the Richards-Wilcox 647 "Fyer-Ward." They are galvanized steel to withstand the pen conditions and rigors of use

while weighing only five pounds per square foot.

Because of the limited head and side room, Richards-Wilcox designed and built special hardware and modifications to permit ceiling-mounting of its Model 1265 electric operator. The doors, in sets of six, are fastened at their mid-points onto a single horizontal line shaft. As the chain and sprocket mechanism is activated by remote control, each set of doors pivots open by turning of the line shaft.

It's possible to stop them, instantly, at any point up to 80 degrees. Accuracy is controlled by precision limit switches.

Controls on the specially modified one-horsepower operator are on a three-button panel for open, close and stop. The doors, while heavy, are efficiently powered and able to be stopped instantly by the operator's built-in magnetic brake.

While the value of the in-

stallation to the instructors and students is its remote operation, the units are equipped with an emergency release for manual operation, such as in the case of a power failure.

For information on the installation or similar electric operator configurations (ask for Catalog A-210), contact Richards-Wilcox, One of the White Consolidated Industries, 174 Third Street, Aurora, Ill. 60507. Phone (312) 897-6951.

Meat board head decries burgeoning bureaucracy

BISMARCK, N.D. — Speaking at the Annual Meeting of the National Live Stock and Meat Board in Bismarck, August 20, the Executive Vice President of the National Pork Producers Council said the greatest threat to freedom today is a mushrooming bureaucracy.

Orville K. Sweet, Des Moines, Iowa, said the bureaucracy is aided and abetted by "self-appointed consumer antagonists trained in the tactics of bureaucratic guerilla warfare."

"Enough history has been written," he said, "to convince us that the misdirected consumer movement, if not checked, will coax the producer to produce himself into oblivion and drive the country toward bankruptcy."

He said that while the production of food and fiber is vital to the health and welfare of the country, government is much more sensitive to the demands of consumer antagonists than to the pleas of producers.

"For too long we have thought that we are minding our own business when in actuality someone else was plotting our future," Sweet said.

He suggested the solution to this dilemma may be found in efficient, purposeful producer organizations and in inspired leadership. "Organization," Sweet said, "is the new frontier in commodity group progress."

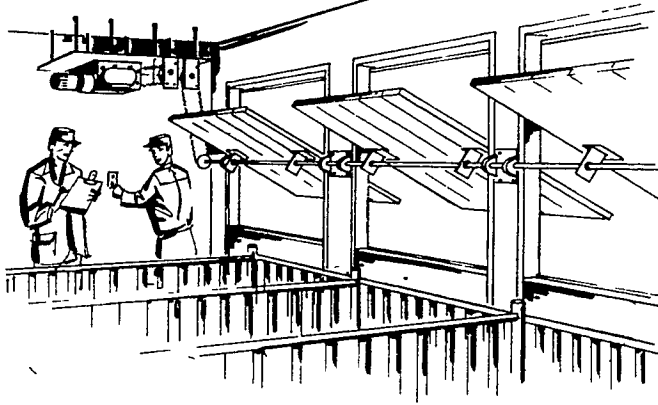
He said producers can maintain a contact with and

have influence on national policy provided they understand organization and the decision making process.

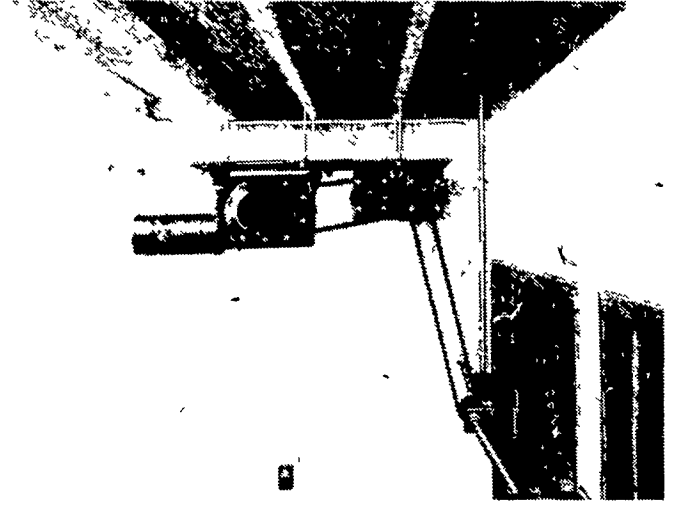
The pork industry executive noted the number of legislative aides in Washington has jumped from 5,500 in 1955 to 23,500 today and that the number is projected to reach 27,500 by 1985.

He noted also that there are now 45,000 trade and professional organizations in the United States and the success of each depends in large part on how efficiently they solve members' problems and how well they let the members know what they are doing.

"Probably the most unique characteristic of civilized man," Sweet stated, "is to organize to accomplish things collectively that he can't accomplish individually; but to do so without the threat of inhibiting freedom of choice and personal rights."



A sketch of the Richards-Wilcox operator which powers twelve doors at the Washington State University's swine center.



The remote control operator is ceiling mounted which enables space within the barn to be used as animal enclosures.

China Facts

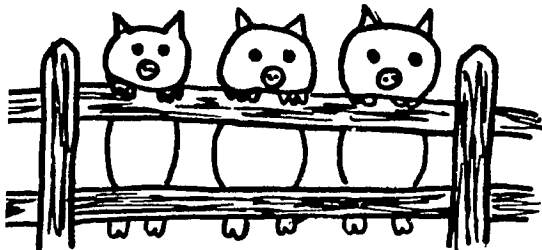
China occupies a landmass of about 37 million square miles in eastern Asia — an area comparable to that of the United States. China shares a common border with the U.S.S.R., Outer Mongolia, Afghanistan, India, Nepal, Burma, Laos, and Vietnam



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Monday, Sept. 3
LABOR DAY
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MONDAY, SEPT. 3
THE COUNTRY BELLES
1:30 Judging 4 H Beef Classes
4:00 P.M. Judging 4 H Goat Classes
6:00 Judging 4 H Sheep Classes
7:00 Judging Open Sheep Classes

ADMISSION
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★ 6 to 15 **50c**
★ Season Pass **\$8.00**

MONDAY, SEPT. 3 - 2:30 P.M.
GREASED PIG CONTEST & ROOSTER CATCHING CONTEST

TUESDAY, SEPTEMBER 4
BLUE RIDGE MARK FOUR
9:00 A.M. Judging in All Departments
4:00 P.M. Judging Swine Classes
6:00 P.M. Judging Open Beef Classes

WEDNESDAY, SEPTEMBER 5
HORSE PULLING CONTEST
6:00 P.M. Judging Open Goat Classes
6:30 P.M. Horse Pulling Contest

THURSDAY, SEPTEMBER 6
LYNN STEWARD
6:00 P.M. Judging Open & 4-H Guernsey and Jersey Classes

FRIDAY SEPTEMBER 7
FARR FAMILY
6:00 P.M. Judging Open and 4-H Holstein Cattle

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